PLOT PLAN 1" = APPROX.

SOIL CLASS: 40B CHATFIELD HOLLIS CANTON COMPLEX

SOURCE: USDA-SCS SOIL SURVEY

BENCH MARKS:

#1 TOP OF IRON PIN AT NW LOT COR EL. 50.0

#2 SET NAIL 0.5' UP IN 20" APPLE EL 53.39

#3 SET NAIL 0.5' UP IN 18" OAK EL 51.71

DESIGN INTENT:

BED BOTTOM TO BE PLACED NO LOWER THAN 1.0' BELOW EXISTING GRADE, UPSLOPE SIDE. (EL 53.5)

SUITABLE REPLACEMENT AREA:

IN PLACE OR REDESIGN

KEY:

_____ EXISTING CONTOUR

- - - - - - - - - - PROPOSED CONTOUR

100.0 EXISTING SPOT ELEVATION

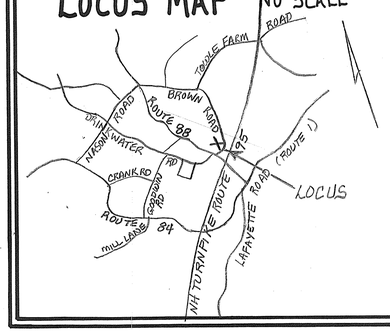
(100.0) PROPOSED SPOT ELEVATION

(PROPOSED GRADING SHOWN ONLY AS IT PERTAINS TO SEPTIC SYSTEM DESIGN)

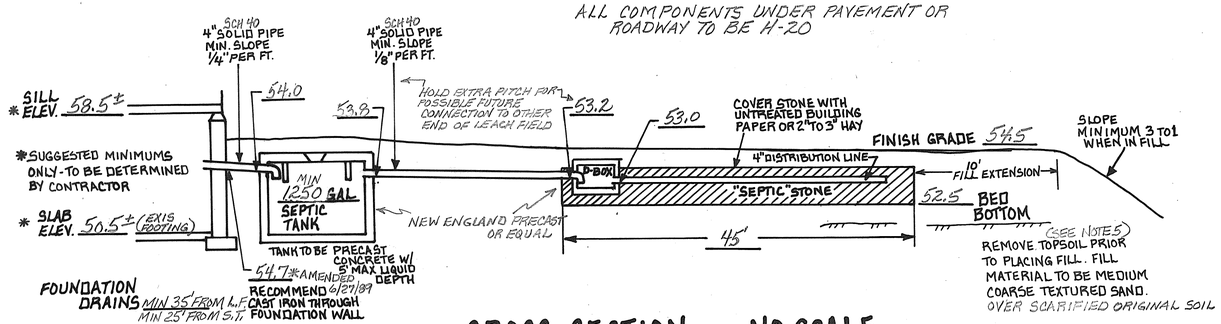
NOTES:

1. SUBDIVISION APPROVAL N/A LOT OF RECORD
2. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
3. BOUNDARY INFORMATION SHOWN IS BASED ON 1952 SURVEY FOR HAROLD A. AND MYRIEL A. BROWN BY J. LEAVITT CRAM.

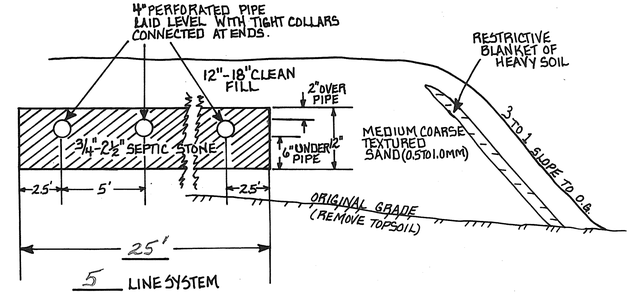
LOCUS MAP NO SCALE



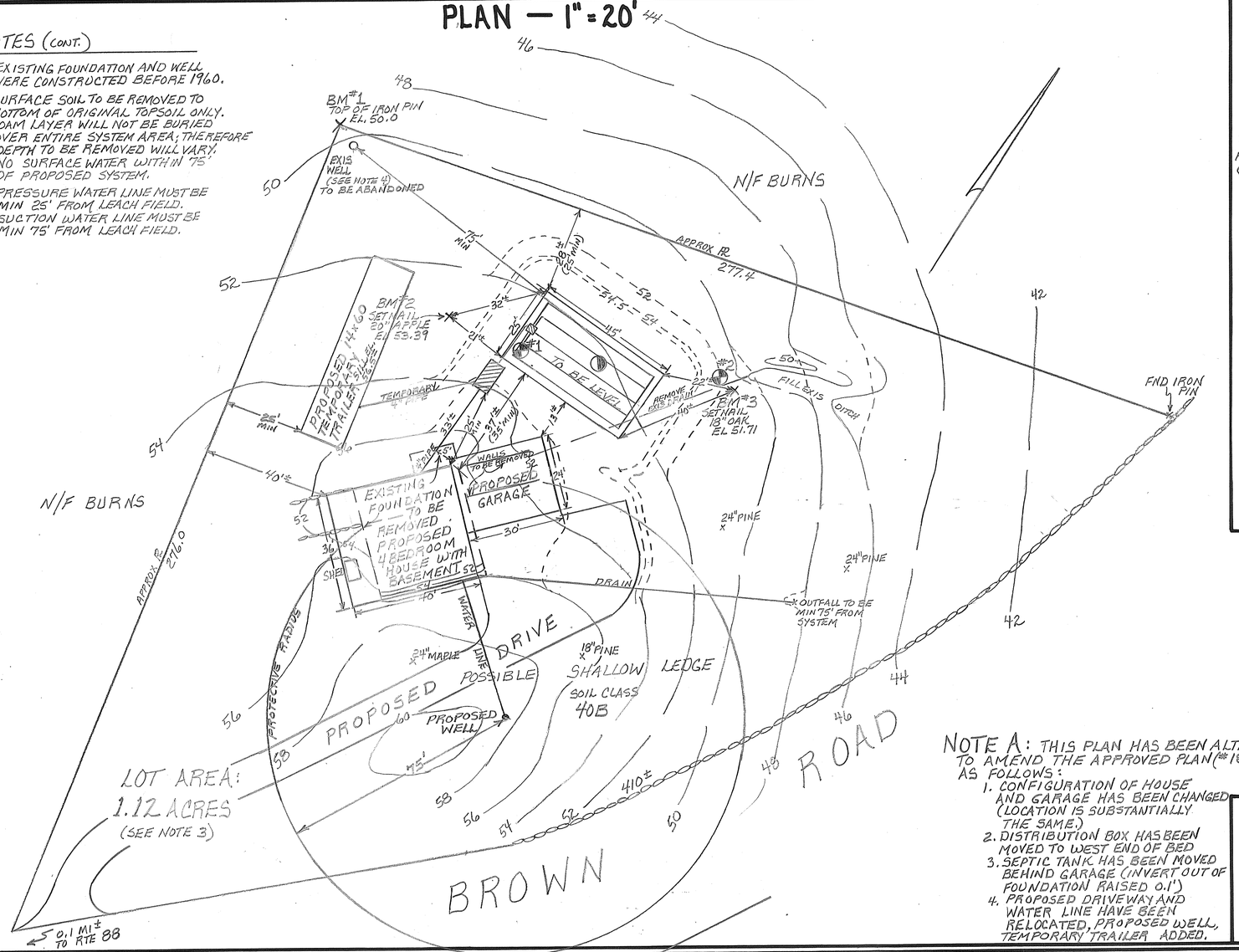
ALL COMPONENTS UNDER PAVEMENT OR ROADWAY TO BE H-20


4" SCH 40 SOLID PIPE MIN. SLOPE 1/4" PER FT.
4" SCH 40 SOLID PIPE MIN. SLOPE 1/8" PER FT.
HOLD EXTRA PITCH FOR POSSIBLE FUTURE CONNECTION TO OTHER END OF LEACH FIELD
SILL ELEV. 58.5±
*SUGGESTED MINIMUMS ONLY - TO BE DETERMINED BY CONTRACTOR
* SLAB ELEV. 50.5± (EXIS FOOTING)
54.0
53.8
53.2
53.0
MIN 1250 GAL SEPTIC TANK
D-BOX
COVER STONE WITH UNTREATED BUILDING PAPER OR 2" TO 3" HAY
4" DISTRIBUTION LINE
FINISH GRADE 54.5
SLOPE MINIMUM 3 TO 1 WHEN IN FILL
10' FILL EXTENSION
"SEPTIC" STONE
52.5' BED BOTTOM
(SEE NOTE 5)
REMOVE TOPSOIL PRIOR TO PLACING FILL. FILL MATERIAL TO BE MEDIUM COARSE TEXTURED SAND. OVER SCARIFIED ORIGINAL SOIL
NEW ENGLAND PRECAST OR EQUAL
45'
TANK TO BE PRECAST CONCRETE W/ 5' MAX LIQUID DEPTH
54.7'* AMENDED RECOMMEND 6/27/89
FOUNDATION DRAINS MIN 35' FROM L.F. MIN 25' FROM S.T. CAST IRON THROUGH FOUNDATION WALL

CROSS SECTION — NO SCALE



PLAN — 1" = 20'



NOTES (CONT.)

4. EXISTING FOUNDATION AND WELL WERE CONSTRUCTED BEFORE 1960.
5. SURFACE SOIL TO BE REMOVED TO BOTTOM OF ORIGINAL TOPSOIL ONLY. LOAM LAYER WILL NOT BE BURIED OVER ENTIRE SYSTEM AREA; THEREFORE DEPTH TO BE REMOVED WILL VARY.
6. NO SURFACE WATER WITHIN 75' OF PROPOSED SYSTEM.
7. PRESSURE WATER LINE MUST BE MIN 25' FROM LEACH FIELD. SUCTION WATER LINE MUST BE MIN 75' FROM LEACH FIELD.

NOTE A: THIS PLAN HAS BEEN ALTERED TO AMEND THE APPROVED PLAN (#180077) AS FOLLOWS:
1. CONFIGURATION OF HOUSE AND GARAGE HAS BEEN CHANGED (LOCATION IS SUBSTANTIALLY THE SAME.)
2. DISTRIBUTION BOX HAS BEEN MOVED TO WEST END OF BED
3. SEPTIC TANK HAS BEEN MOVED BEHIND GARAGE (INVERT OUT OF FOUNDATION RAISED 0.1')
4. PROPOSED DRIVEWAY AND WATER LINE HAVE BEEN RELOCATED, PROPOSED WELL, TEMPORARY TRAILER ADDED.

TOWN INSPECTOR: STEVE SICARD

TEST PIT DATA DATE: 1/9/90

#1 EL 53.5

TO BE REMOVED (SEE NOTE 5)	LIGHT BROWN GRAVELLY LOAMY FINE SAND (FROZEN)	12-15"
	MEDIUM BROWN FINE SANDY LOAM (POSSIBLE ORIGINAL TOPSOIL)	24"
	BRIGHT ORANGE-BROWN GRAVELLY LOAMY FINE SAND GRAN. FRIABLE	40"
	LIGHT YELLOWISH-BROWN GRAVELLY FINE TO MED. SAND W/SILTS (SOMEWHAT FIRM IN PLACE)	10'

ESHW @ 5' NO OBS H2O ROOTS TO 5'

#2 EL 51.0

	TOPSOIL - MED. BROWN FINE SANDY LOAM (FROZEN)	8"
	LT. BROWN & ORANGE-BROWN GRAVELLY LOAMY FINE SAND (SOME SILTS) MIXED COLORS POSSIBLE MOTTLES LOWER	1'
	SLIGHTLY FIRM IN PLACE MOIST LT. YELLOW-BROWN SOMEWHAT LOAMY FINE SAND (MOTTLED) SOME GRAVEL	5-6' 10'

ESHW @ 3' ROOTS TO 5' GOOD ROOTS TO 3' NO OBS H2O

PERC TEST DATE: 1/9/90

DEPTH OF HOLE: 36"

RATE OF PERC: 6 MIN/IN

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 900 X 1.25 = 1125 SQ. FT. (HAMPTON FALLS)

PROPOSED SYSTEM: 25 x 45 FOR 1125 SQ. FT. AREA PROVIDED

PLAN OF PROPOSED SEPTIC SYSTEM

LOCUS: BROWN ROAD HAMPTON FALLS, N.H.

OWNER: HAROLD BROWN c/o KIM BROWN 59 MACE ROAD HAMPTON, NH 03842

APPLICANT: STOCKTON SERVICES PO BOX 1306 HAMPTON, N.H. 03842

DESIGNER PERMIT #348

DATE: 2/1/90 * AMENDED 8/7/90 (SEE NOTE A)

APPROVAL: 180077

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

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